

1. Case No.	2. Investigator's ID	3. Office Code	EPIDEMIOLOGIC INVESTIGATION REPORT			
080813HEP5761	5555	591				
4. Date of Accident (Y M D)	5. Date Investigation Initiated (Y M D)					
080731	080825					
6. Synopsis of Accident or Complaint						
<p>THE 83 YOM VICTIM WAS OPERATING A TABLE SAW TRIMMING 12 INCH SQUARE AND 1/8 INCH THICK VINYL TILE THAT HE WAS INSTALLING IN HIS UTILITY ROOM. THE VICTIM WAS HOLDING THE STOCK IN PLACE WITH PRESSURE FROM HIS LEFT HAND BEING PLACED ON A BOARD OVER ONE EDGE OF THE STOCK WHILE GUIDING IT TOWARD THE BLADE WITH HIS RIGHT HAND ON THE OPPOSITE SIDE OF THE STOCK. THE BLADE BUCKLED THE TILE, CAUSING THE VICTIM TO INSTINCTLY FLATTEN THE TILE WITH HIS RIGHT HAND. HIS RIGHT HAND INADVERTENTLY CONTACTED THE SAW BLADE AND CUT OFF THE TIP OF HIS RIGHT INDEX FINGER. THE MEDICAL PERSONNEL TOLD HIM HE HAD AN EXTREME AVULSION OF THE FINGER. HE WRAPPED THE INJURY IN A TOWEL, AND WAS DRIVEN TO THE HOSPITAL BY HIS WIFE. THE HOSPITAL TREATED THE INJURY, BANDAGED IT, AND RELEASED HIM. HE HAS FULLY RECOVERED.</p>						
7. Locations (Home, School, etc.)	8. City	9. State				
1	SNOHOMISH	WA				
10. First Product	11. Trade/Brand Name	Manufacturer Address				
841		UNKNOWN				
Second Product	Trade/Brand Name	Manufacturer Address				
12. Age of Victim	13. Sex (1=M, 2=F, 3=Unk)	14. Disposition	15. Injury Diagnosis			
83	1	1	72			
16. Body Part	17. Respondent(s) (Mother, Friend)	18. Type Investigation (1=Onsite, 2 = Phone, 3 = Other)	19. Time Spent			
92	1 VICTIM	2	1.25			
20. Attachments	21. Case Source	22. Reviewed By:	Date (Y M D)			
05 QUESTIONNAIRE	03					
23. Narrative (More detail may be included on separate pages)						

CPSC FORM NO. 182 (Revised 10/1985)

Approved for Use Thru 1/31/2010 OMB No. 3041-0029

CPSC (b)(1) CLEARED for PUBLIC
 NO MFERS/PRVTBLRS OR
 PRODUCTS IDENTIFIED

EXCEPTED BY: PETITION
 RULEMAKING ADMIN. PRCDG

WITH PORTIONS REMOVED: _____

JLB
 6/13/11

Q.1 Do not read to respondent

Interviewer Instructions:

1. Before contacting the respondent, please review the NEISS emergency room information on the assignment cover sheet. Questions 2, 3, and 4 will require you to enter some of this information before you begin the interview.

2. If the victim is age 17 or younger, interview the parent of victim, or ask the parent to listen to the interview on the extension phone while you interview victim. The respondent should be the victim if (s)he is 18 or older.

3. The boldfaced text contains instructions to you and should not be read to the respondent!

Q.2 Please enter the TASK NUMBER.

080813HEP5761

Q.3 Please select the Product Code on record for the saw associated with this incident.

Table or Bench saw (0841)

Q.4 Does the NEISS record indicate injury to a finger or hand (body part codes: finger = 92, hand = 82)?

Yes

Q.5 INTRODUCTION:

Hello. May I speak with _____? (Ask for victim by name or parent or guardian of victim under age 18.)

person is available

Q.7 Hello. I'm _____ . I am working with the U.S. Consumer Product Safety Commission. In cooperation with (hospital name), we're doing a study of saw injuries. We are interested in learning more about these incidents, so we can find ways to help prevent similar

incidents. The information is confidential, and for statistical purposes only. Will you help us?

agreed

Q.10 Interviewer: Indicate below who the respondent is.

Victim/ injured person

Q.13 Was the saw involved in the incident powered or not powered (manual)?

Powered

Q.15 Was the saw a handheld model?

No

Q.16 According to our record the saw involved was a [ANSWER TO Q. 3], is this correct?

Yes (correct)

Q.21 Please describe how the injury happened and what the injuries were. That is, what were you (was the operator) doing just *before*, *during*, and *after* the injury occurred? Please start with what was going on just *before* the injury occurred.

Interviewer: continue on paper if necessary.

THE VICTIM WAS OPERATING A PORTABLE TABLE SAW THAT HE HAD PURCHASED ABOUT A MONTH AGO, BECAUSE HIS TOOLS WERE STOLEN WHEN HE WAS AWAY ON VACATION. THE VICTIM HAS OVER 60 YEARS EXPERIENCE OPERATING POWER SAWS. HE WAS USING THE SAW TO CUT 1/8 INCH 12 INCH SQUARE VINYL TILES THAT HE WAS INSTALLING IN HIS UTILITY ROOM. PRIOR TO THE INJURY HE HAD BEEN CUTTING WITH THE SAW 6 OR 7 HOURS. HE WAS USING A 12 INCH NEW SAW BLADE, BUT WITH ONLY 1/4 INCH OF THE BLADE EXPOSED ABOVE THE TABLE SURFACE. HE WAS USING BOTH HANDS TO CUT THE VINYL, HIS LEFT HAND WAS APPLYING PRESSURE ON A BOARD TO STABILIZE THE TILE, AND HIS RIGHT HAND WAS BEHIND THE TILE PUSHING IT THROUGH. HE WAS NEARLY FINISHED WITH THE TRIM AS THE BLADE BUCKLED THE TILE UP, SO THE VICTIM USED HIS RIGHT HAND TO FLATTEN THE TILE AS HE PUSHED IT THROUGH THE BLADE. HIS HAND WAS CLOSER TO THE BLADE THAN HE REALIZED, HE THOUGHT IT WAS OUT OF THE BLADE'S PATH. THE BLADE CUT OFF THE TIP OF HIS RIGHT INDEX FINGER. HE WRAPPED THE INJURED FINGER IN A TOWEL AND WAS DRIVEN TO THE HOSPITAL BY HIS WIFE. THE HOSPITAL TREATED THE INJURY, BANDAGED IT, AND RELEASED HIM. HE HAS FULLY RECOVERED. SINCE THE INJURY THE VICTIM CONSTRUCTED A MAKESHIFT PUSH STICK, A 2 X 8 BOARD WITH A HANDLE AND FOUR GROVES, FOR TILE JOBS ON THE TABLE SAW TO PREVENT FURTHER INJURY.

Q.22 **INTERVIEWER READ THE FOLLOWING:** In addition to writing down exactly what you told me about how the injury happened, I need to ask you some questions that may seem like I'm asking you to repeat yourself. Please bear with me. We want to be sure we completely understand everything about how the injury happened.

Q.23 Was the motor running at the time of the injury? (**Determine if the saw had just been turned "on" or "off"**)

Motor was running

Q.26 Does the blade have a safety switch such as a key lock that must be activated, in addition to a starter switch, before the saw can be turned on?

Yes

Q.27 Is the safety switch removable or stationary?

Stationary

Q.28 Is the blade of the saw direct drive (blade mounted directly onto the motor output shaft) or indirect drive (belt or gear driven)?

Direct Drive (blade mounted directly onto the motor output shaft)

Q.30 At the time of the injury, were you using the saw, repairing/maintaining the saw, or were you not using the saw?

Using the saw

Q.36 At the time of the injury, "were you" (**say "was the operator" if the victim was not the operator**) about to start cutting, at the end of a cutting operation, pausing during a cutting operation, or were you (was the operator) in the middle of a cut?

Actually cutting / in the middle of cut

Q.37 Do you know (**approximately**) how long had you (the operator) been working with the saw that day, before the injury occurred?

Yes

Q.38 **Please record how long the saw was used that day, before the injury. Specify hrs and/or mins.**

6 OR 7 HOURS

Q.39 What were you (was the operator) cutting at the time of the injury?

Other (specify in next window)

Q.40 **Specify material being cut.**

VINYL TILE

Q.41 **Interviewer: Say to the respondent-** "From now on, to simplify the questions, I will refer to the object being cut as 'stock'. "

Q.42 I would like to ask you about the type of cutting operation you were performing at the time of the incident.

Had you (the operator) been cutting the length of the stock (with the grain, ripping), cutting the width of the stock (against the grain, cross cutting), cutting the stock at an angle, or cutting the stock in some other way?

Q.46 Was the blade vertically straight or was it tilted to the side to make a bevel cut?

Vertically straight cut

Q.47 Do you use different types of blades for different types of cutting operations?

Yes

Q.48 What type of blade was being used at the time of the injury? Was it... **(read choices)**

Other (specify in next window)

Q.49 **Specify type of blade.**

FINISH

Q.50 Do you know the diameter of the saw blade?

Yes

Q.51 **Enter the diameter of the blade in inches.**

12 INCH

Q.52 What was the condition of the blade at the time of the injury? Was it sharp, dull, had teeth missing, or something else?

Sharp

Q.54 Was a blade guard attached to the saw at the time of the injury?

Yes

Q.58 Can you describe the design of the blade guard?

COVERS THE TOP OF THE BLADE

Q.59 Was the blade guard damaged, broken, or in good condition?

In good condition

Q.61 At the time of the injury, did the blade guard function properly?

(Probe to determine:

if the guard returned quickly to its normal position, select yes;

if the guard was slow to return and hung up, select no)

Yes

Q.63 Do you believe a blade guard could have prevented this injury?

No, blade guard could not have prevented

Q.64 Could you tell me the blade position or motion, with respect to the stock, at the time of the injury? Was it... **(read choices)**

Inside a cut

Q.67 How much of the stock was already cut at the time of the injury? Were you... **(read choices)**

Part way through? (specify in next window)

Q.68 **Specify: one-half, one-third, one-fourth way or number of inches**

ALMOST FINISHED THE CUT

Q.69 Was the stock rectangular or some other shape?

Other shape (specify in next window)

Q.70 **Specify shape of stock.**

SQUARE

Q.71 Do you know the length, width, and/or thickness of the stock being cut?

Yes, know at least one dimension

Q.72 Specify dimensions of stock in inches (leave blanks for unknowns and convert any fractions to decimals):

Length in inches ____ 12

Width in inches _____ 1

Thickness in inches _ 1

Q.73 What was the condition of the stock?
(select as many as apply)

Smooth

Dry

Q.75 Did the stock kick back or jump?

Interviewer: Unexpected stock movement is an indication of kickback.

Other (specify in next window)

Q.76 Specify.

BUCKLED UP

Q.77 Did the injury occur due to contact with the blade?

Yes

Q.78 Was contact with the blade made above or below the cutting surface?

Above

Q.84 Was your hand in front of or behind the blade when contact was made?

Behind blade

Q.86 Describe how the stock was supported. Was the stock resting on a table, on a sawhorse, or supported in some other way?

On a table

Q.88 Did the whole surface of the stock fit on the table (or bench) or did it extend beyond?

Fit on the table

Q.89 Was the stock or the support firmly anchored?

Yes

Q.93 At the time of the incident, did you (operator) adjust the plate/base shoe of the saw to a proper depth for the thickness of the stock being cut? **(base plate/base shoe is a rectangular metal piece that wraps around the lower portion of the blade and rest against the stock during a cut)**

Q.95 At the time of the incident, was the whole surface of the plate/shoe completely in contact with the stock being cut?

Q.97 Were you (the operator) standing, kneeling, crouching, leaning or in some other position at the time of the incident?

Q.133 Does the saw belong to your/the victim's household, to another household, was it rented, or something else?

Your/Victim's household

Q.137 Did your/victim's household get the saw new or used?

New

Q.138 Do you know about when the saw was purchased?

Yes

Q.139 **Specify when saw was purchased
enter month and/or year.**

1 MONTH AGO

Q.142 Do you know the brand name (manufacturer), model name/number, and/or horsepower of the saw?

Yes, if any are known

Q.143 **Enter manufacturer, leave blank if unknown.**



Q.144 **Enter model #, leave blank if unknown.**

Q.145 **Enter horsepower, leave blank if unknown.**

3 HP

Q.146 Had the saw been changed or modified in any way since you got it?

No

Q.152 Are you right-handed, left-handed, or do you use both hands interchangeably?

Both hands interchangeably (ambidextrous)

Q.156 Please describe the position of your (operator's) left and right hands with respect to the saw and the stock, just before the injury and right at the time of the injury.

Interviewer: (1) Be specific about which saw parts were held or in contact with the hand. (2) Indicate how stock was fed into the saw. (3) Specify if operator was reaching. (4) Specify whether operator was holding stock firmly or loosely.

THE LEFT HAND WAS ON THE LEFT SIDE OF THE STOCK, HOLDING A BOARD OVER THE STOCK TO KEEP IT STRAIGHT AND THE RIGHT HAND WAS HOLDING THE STOCK AND PUSHING IT THROUGH

Q.157 Were you wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the injury? **(Select as many as applicable)**

Safety Goggles

Q.160 Was the operator wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the injury? **(Select as many as applicable)**

Q.164 During the last year, what type of cutting have you (the operator) performed most frequently with the saw?

Combination of uses

Q.166 Do you (operator) have an owner's manual for the saw involved in the injury?

Yes

Q.167 Do you remember any warnings or safety precautions about the operations of the saw that were printed in the owner's manual?

No

Q.169 Do you remember seeing any warnings or safety precautions about the operation of the saw that were printed on a label on the saw?

Yes

Q.170 **Specify what those warnings say.**

TOLD ME NOT TO STICK MY FINGER ON IT

Q.171 Where were these warnings located?

ONE BY THE START BUTTON AND ONE ON THE TABLE ITSELF

Q.172 Will you tell me your height and/or weight?

Yes, at least one of them

Q.174 **Enter height, leave blank if unknown/refused.**

6'2"

Q.175 **Enter weight, leave blank if unknown/refused.**

180

Q.176 Do you know the operator's height and/or weight?

Q.179 Was the saw already assembled before purchase or did you (operator) have to assemble it after purchase?

Assembled before purchase

Q.181 Were you (the operator) ill or under any medication, drugs, or alcohol at the time of the injury?

No

Q.183 In your opinion, what caused the injury incident?

NOT THINKING, BUT HE HAS NOW CONSTRUCTED A SAFETY PUSH STICK USING A 2 X 8 TO USE AS A PUSH STICK WHEN CUTTING TILE ON THE BENCH SAW TO PREVENT THIS INJURY AGAIN

Q.184 In your opinion, were there any environmental factors such as slippery floor/debris on the floor, debris on the work surface, poor lighting, extreme temperature, or loose clothing that may have contributed to the injury incident?

NONE

Q.185 If I have missed anything or we need additional information, may I call you back?

Yes, ok to call back

Q.186 When is a good time to reach you?

ANYTIME

Q.187 **End interview by saying:**

Thank you very much for your time. Your answers to these questions will be used in our efforts to prevent other such injuries.

Q.188 **Interviewer: Enter today's date (month/day/year).**

09/12/08

